

## 2017 AWWA Water Audit Level 1 Validation - Review Document

### Audit Information:

Utility: Alco Water Service

PWS ID: 2710001

System Type: Potable

Audit Period: Calendar 2017

Utility Representation: Mohsen Kahia, Tom Adcock, Ed Kobayashi

Validation Date: 7/23/2018

Call Time: 8:30 AM

Sufficient Supporting Documents Provided: Yes

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: 81 Data Validity Band (Level): Band IV (71-90)

ILI: 1.02

Real Loss: 14.00 (gal/conn/day)

Apparent Loss: 2.00 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 0.5%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

### Validator Information:

Water Audit Validator: Tory Wagoner

Validator Qualifications: Contractor for California Water Loss TAP

Validator Provided

## 2017 AWWA Water Audit Level 1 Validation

Water System Name: ALCO WATER SERVICE

Water System ID Number: 2710001

Water Audit Period: Calendar 2017

### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Alco has continued and will continue to implement its meter replacement program, which is for the purpose of removing older volumetric meters and replacing them with more accurate electromagnetic meters which Alco will be able to incorporate into an Automated Meter Reading (AMR) system in the future. Alco is also considering the implementation of a meter accuracy testing program based on customer category, historical monthly usage (higher volume meters) for approximately 0.5% of meter inventory (i.e., approximately 50 meters per year to be tested).

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Thomas R. Adcock

President

Executive Name (Print)

Executive Position



Signature

7/23/18

Date

Utility  
Provide